

IN THE CLAIMS:

1. (Currently Amended) A method for testing computing devices, the method comprising:

providing a suite of test programs on a server for execution by a plurality of said computing devices that are coupled to said server;

receiving requests at said server from said computing devices requesting said server to provide test programs to said computing devices;

assigning a respective unique identifier to each of said computing devices, for use in communicating with said server;

downloading said test programs from said server for execution by said computing devices coupled thereto, so that at least first and second computing devices among said plurality execute different first and second test programs from said suite substantially simultaneously;

receiving requests at said server from said computing devices with respect to said execution of said test programs to determine a next test to execute at each of the ~~corresponding~~ computing devices, wherein each of said requests contains said respective unique identifier; and

controlling said execution of at least said first and second test programs in said suite.

2. (Original) The method according to claim 1, wherein said computing devices comprise MIDP-compliant devices, and

wherein said test programs comprise MIDlets, which are packaged in respective JAD files and JAR files, and

wherein allocating said test programs comprises downloading said JAD files and said JAR files to said MIDP-compliant devices.

3. (Original) The method according to claim 2, further comprising the step of evaluating said JAD files, wherein said JAR files are downloaded responsively to said step of evaluating said JAD files.

4. (Previously Presented) The method according to claim 1, wherein said controlling the execution of said test programs comprises making a selection at said server, based on said respective unique identifier contained in said requests, of said next test to execute on each of said computing devices, and sending responses to said computing devices indicating said selection.

5. (Currently Amended) The method according to claim 1, wherein each of at least a subset of said test programs comprises a bundle of tests, the method further comprising:

determining for each of the requests received at said server from said computing devices whether ~~the~~ a received request is a request for the server to determine a new test bundle or a request for the server to determine a next test to be executed in a current test bundle.

6. (Original) The method according to claim 1, wherein assigning said respective unique identifier comprises receiving an initial request from each of said computing devices to download one of said test programs, and assigning said respective unique identifier in response to said initial request.

7. (Currently Amended) The method according to claim 5, wherein:

if the request is for a new test bundle, determining the new test bundle to provide to ~~the~~ a corresponding computing device based on said respective unique identifier contained in said request and downloading the new test bundle from the server for execution by the corresponding computing device; and

if the request is for a next test to be executed in a current test bundle, determining the next test based on said respective unique identifier contained in said request and providing information to the corresponding computing device of the next test to be executed in the current test bundle.

8. (Currently Amended) A computer software product, comprising a computer-readable storage medium in which computer program instructions are stored, which

instructions, when read by a computer, cause the computer to perform a method for testing computing devices, the method comprising:

- accessing a suite of test programs stored therein for execution by a plurality of said computing devices that are coupled to said computer;

- receiving requests at said computer from said computing devices requesting said computer to provide test programs to said computing devices;

- assigning a respective unique identifier to each of said computing devices, for use in communicating with said computer;

- downloading said test programs from said computer for execution by said computing devices coupled thereto, so that at least first and second computing devices among said plurality execute different first and second test programs from said suite substantially simultaneously;

- receiving requests from said computing devices with respect to said execution of said test programs to determine a next test to execute at each of the ~~corresponding~~ computing devices, wherein each of said requests contains said respective unique identifier; and

- controlling said execution of at least said first and second test programs in said suite.

9. (Original) The computer software product according to claim 8, wherein said computing devices comprise MIDP-compliant devices, and

- wherein said test programs comprise MIDlets, which are packaged in respective JAD files and JAR files, and

- wherein downloading said test programs comprises downloading said JAD files and said JAR files to said MIDP-compliant devices.

10. (Original) The computer software product according to claim 9, wherein downloading said test programs further comprises the steps of downloading said JAD files to said MIDP-compliant devices, and thereafter, responsively to evaluation messages received at said computer from said MIDP-compliant devices, downloading said JAR files to said MIDP-compliant devices.

11. (Previously Presented) The computer software product according to claim 8, wherein said controlling the execution of said test programs includes said computer making a selection, based on said respective unique identifier contained in said requests, of said next test to execute on each of said computing devices, and sending responses to said computing devices indicating said selection.

12. (Currently Amended) The computer software product according to claim 8, wherein the method for testing computing devices further comprises determining for each of the requests received at said server from said computing devices whether ~~the~~ a received request is a request for the server to determine a new test bundle or a request for the server to determine a next test to be executed in a current test bundle.

13. (Previously Presented) The computer software product according to claim 8, wherein assigning said respective unique identifier comprises receiving an initial request from each of said computing devices to download one of said test programs, and said computer assigning said respective unique identifier in response to said initial request.

14. (Currently Amended) The computer software product according to claim 12, wherein:

if the request is for a new test bundle, determining the new test bundle to provide to ~~the~~ a corresponding computing device based on said respective unique identifier contained in said request and downloading the new test bundle from the server for execution by the corresponding computing device; and

if the request is for a next test to be executed in a current test bundle, determining the next test based on said respective unique identifier contained in said request and providing information to the corresponding computing device of the next test to be executed in the current test bundle.

15. (Currently Amended) A server for testing computing devices, comprising:
a communication interface for coupling a plurality of said computing devices

thereto for use in communicating with said server; and

a processor configured to provide a suite of test programs for execution by said computing devices that are coupled to said server;

wherein said processor is configured to receive requests from said computing devices requesting said server to provide test programs to said computing devices;

wherein said processor is configured to assign a respective unique identifier to each of said computing devices, for use in communicating with said server;

wherein said processor is configured to download said test programs via said communication interface for execution by said computing devices coupled thereto, so that at least first and second computing devices among said plurality execute different first and second test programs from said suite substantially simultaneously;

wherein said processor is further configured to receive requests via said communication interface from said computing devices with respect to said execution of said test programs to determine a next test to execute at each of the ~~corresponding~~ computing devices, wherein each of said requests contains said respective unique identifier; and

wherein said processor is configured to control said execution of said test programs in said suite.

16. (Original) The server according to claim 15, wherein said computing devices comprise MIDP-compliant devices, and

wherein said test programs comprise MIDlets, which are packaged in respective JAD and JAR files, and

wherein said test programs are downloaded as said JAD and JAR files to said MIDP-compliant devices.

17. (Previously Presented) The server according to claim 15, wherein said processor is configured to control said execution of said test programs by making a selection, based on said respective unique identifier contained in said requests, of said next test to execute on each of said computing devices, and sending responses to said computing devices indicating said selection.

18. (Currently Amended) The server according to claim 15, wherein each of at least a subset of said test programs comprises a bundle of tests, wherein the processor is further configured to determine for each of the requests received at said server from said computing devices whether ~~the~~ a received request is a request for the server to determine a new test bundle or a request for the server to determine a next test to be executed in a current test bundle, wherein:

if the request is for a new test bundle, the processor is configured to determine the new test bundle to provide to ~~the~~ a corresponding computing device based on said respective unique identifier contained in said request and downloading the new test bundle from the server for execution by the corresponding computing device; and

if the request is for a next test to be executed in a current test bundle, the processor is configured to determine the next test based on said respective unique identifier contained in said request and providing information to the corresponding computing device of the next test to be executed in the current test bundle.

19. (Previously Presented) The server according to claim 15, wherein said processor is configured to control said execution of said test programs in said suite based on said received requests and said respective unique identifier included therein, wherein said processor is configured to communicate responses to said received requests via said communication interface, each of said responses being addressed to a respective one of said computing devices that is associated with said respective unique identifier.

20. (Previously Presented) The server according to claim 15, wherein said computing devices are coupled to said communication interface via a common test host, wherein an identifier of said common test host is shared by each of said computing devices, said identifier of said common test host is included in said respective unique identifier thereof.